Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 05 Oct 2023 until 23:59 on Friday 06 Oct 2023

Forecast Issued on Wednesday 04 Oct 2023 at 15:35

Confidence: Medium around timing of arrival and clearance of rain Thursday, but higher for arrival of very warm and settled conditions through Friday and into the weekend.

Headline for Thursday 05 Oct 2023: Bright morning but cloudier afternoon with occasionally heavy rain. Breezy

Mountain weather hazards on Thursday 05 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Heavy Rain	Light rain	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	10%	30%	70%	50%	30%

Forecast for Thursday 05 Oct 2023

Weather: The odd spot of rain possible in the west, otherwise dry through the early hours with clear spells. Then a bright morning with, especially in the east some sunny spells, and most places dry. Cloud increases towards midday with outbreaks of rain spreading east in the early afternoon, these, especially in west, becoming persistent and heavy for a time. Rain becoming patchier and confined to western parts in the evening with clearer spells developing in the east.

Chance of cloud-free hill tops above 600m: Around 75% in west and 90% in the east through the morning, becoming near 25% in west through the afternoon and 60% in the east. Chances improve, especially in east, this evening.

Low cloud and visibility: Occasional, but in west periods of, cloud above 600-750m through the morning and again in east through the evening, the cloud, especially in west, becoming more persistent at times in the afternoon. Otherwise visibility good or very good falling to several kilometres in more persistent rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 05 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/30 SW	20/28 SW	19/26 SW	18/26 SW	21/30 SW	23/34 SW	26/37 SW	26/38 SW	27/40 SW
300	14/24 SW	13/21 SW	12/20 SW	13/20 SW	16/24 SW	17/29 SW	18/29 SW	18/30 SW	18/30 SW
Valley	9/22 SW	8/18 SW	7/17 SW	9/18 SW	11/23 SW	12/27 SW	12/27 SW	13/27 SW	12/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/6	9/6	10/6	10/6	10/6	10/6	11/6	11/7
300	11/9	11/9	11/9	12/10	13/10	12/9	12/9	13/10	13/10
Valley	12/10	12/10	12/10	12/11	14/12	13/11	13/11	13/11	14/12
Freezing Level*	2200m	2200m	2300m	2300m	2800m	3200m	2900m	2900m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph expected over higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 04 Oct 2023	0.2mm	1.2mm	1.2mm

Forecast for Friday 06 Oct 2023

Weather: Any remaining rain dying out overnight to leave a bright day with, especially for eastern hills, some decent spells of sunshine developing.

Maximum wind: Westerly 20-25mph, with gusts around 40mph over higher peaks.

Chance of cloud-free hill tops above 600m: Around 40% at first becoming near 100% by midday.

Low cloud and visibility: Occasional or, especially in west, periods of cloud above about 600m, cloud lifting well above the summits by midday. Visibility mainly very good.

Temperature: **Valleys:** Plus 13 Celsius rising to plus 19 or 20 Celsius
At 600m: Plus 13 Celsius
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.